



Date Mailed: February 6, 2001

Sheet 1 of 3

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 10873.384USW0	Application Number: 09/646,139
	Applicant: Ishida et al.	
	Filing Date: September 13, 2000	Group Art Unit: 2651

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HHC	6,088,200	Jul. 2000	Morita	3100	135	
	5,991,104	Nov. 1999	Bonyhard	3100	15	
	<del>5,888,424</del> 5,898,553	Apr. 1999	Oyanagi et al.	3100	135	
	5,748,421	May 1998	Taki et al.	3100	135	
	5,585,989	Dec. 1998	Kuromiya et al.	3100	135	
	5,303,092	Apr. 1994	Noda	3100	17	
	5,298,995	Mar. 1994	Yonezawa et al.	3100	135	
	4,912,585	Mar. 1990	Belser et al.	3100	135	
	4,911,987	Mar. 1990	Lazzari	428	64	
	4,525,828	Jun. 1985	Higashiyama et al.	3109	111	
	4,422,108	Dec. 1983	Sawazaki	3100	17	
	3,869,711	Mar. 1975	Bernard et al.	3100	17	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
HHC	JP 9-138927	May. 1997	Japan			Abstract	
	JP 7-44858	Feb. 1995	Japan			Abstract	
	JP 63-811	Jan. 1988	Japan			Abstract	
	JP 63-183623	July. 1988	Japan			Abstract	
	JP 63-166023	Jul. 1988	Japan			Abstract	
	JP 62-264432	Nov. 1987	Japan			Abstract	
	JP 62-124622	June 1987	Japan			Abstract	
	JP 61-66215	Apr. 1986	Japan				
	JP 61-190719	Aug. 1986	Japan			Abstract	
	JP 60-22733	Feb. 1985	Japan				
	JP 60-209915	Oct. 1985	Japan			Abstract	
	JP 58-94137	Jun. 1983	Japan			Abstract	
	JP 58-94136	Jun. 1983	Japan			Abstract	
	JP 57-8921	Feb. 1982	Japan			Abstract	

EXAMINER <i>HHC</i>	DATE CONSIDERED 2/8/02
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>File</i>	JP 57-24032	Feb. 1982	Japan			Abstract	
	JP 57-158041	Sept. 1982	Japan			Abstract	
	JP 57-158040	Sept. 1982	Japan			Abstract	
	JP 57-158039	Sept. 1982	Japan			Abstract	
	JP 57-158038	Sept. 1982	Japan			Abstract	
	JP 57-158004	Sept. 1982	Japan				
	JP 57-109134	July. 1982	Japan			Abstract	
	JP 57-109133	July. 1982	Japan			Abstract	
	JP 56-7243	Jan. 1981	Japan				
	JP 56-68926	Jun. 1981	Japan			Abstract	
	JP 56-41528	Apr. 1981	Japan				
	JP 56-22219	Mar. 1981	Japan			Abstract	
	JP 55-70935	May 1980	Japan			Abstract	
	JP 55-12545	Jan. 1980	Japan			Abstract	
	JP 51-25723	Aug. 1976	Japan			Partial	
	JP 49-5610	May. 1972	Japan			Partial	
	JP 48-53704	July. 1973	Japan			Partial	
	JP 4-251440	Sep. 1992	Japan			Abstract	
	JP 4-251435	Sep. 1992	Japan			Abstract	
	JP 4-134629	May. 1992	Japan			Abstract	
	JP 3-256223	Nov. 1991	Japan				
	JP 2-98820	Apr. 1990	Japan			Abstract	
	JP 2-94111	Apr. 1990	Japan			Abstract	
	JP 2-301018	Dec. 1990	Japan				
	JP 2-214023	Aug. 1990	Japan			Abstract	
	JP 2-132630	May. 1990	Japan			Abstract	
	JP 10-40544	Feb. 1998	Japan				
	JP 10-275435	Oct. 1998	Japan			Abstract	

EXAMINER <i>H. H. H.</i>	DATE CONSIDERED <i>2/8/02</i>
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\*Substitute Disclosure Statement Form (PTO-1449)

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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>HCC</i>	JP 10-269566	Oct. 1998	Japan				
<i>HCC</i>	JP 10-162360	Jun. 1998	Japan			Abstract	
<i>HCC</i>	GB 2 164 483	Mar. 1986	UK				
<i>HCC</i>	EP 0 915 456	May. 1999	European Patent Office				
<i>HCC</i>	EP 0 655 734	May. 1995	European Patent Office				
<i>HCC</i>	EP 0 131 985-895	Jan. 1985	European Patent Office				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>HCC</i>		C. Denis Mee et al. <u>Magnetic Recording</u> (Volume III: Video, Audio, and Instrumentation Recording), Chapter 2, pp. 94-105.					
<i>HCC</i>		Tanaka et al., Characterization of Magnetizing Process for Pre-Embossed Servo Pattern of Plastic Hard Disks, IEEE Transaction on Magnetics, pp 4209-4211					
<i>HCC</i>		International Preliminary Examination Report					



<b>EXAMINER</b> <i>H. Miller</i>	<b>DATE CONSIDERED</b> <i>2/8/02</i>
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